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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.
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08/520,079 08/28/95 YAMAZAKI

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EXAMINER

MMC2/0503

SIXBEY FRIEDMAN LEEDOM AND FERGUSON  
8180 GREENSBORO DRIVE  
SUITE 800  
MCLEAN VA 22102

JACKSON JR, J

ART UNIT

PAPER NUMBER

2815

DATE MAILED:

05/03/00

**Please find below and/or attached an Office communication concerning this application or proceeding.**

Commissioner of Patents and Trad marks

# Office Action Summary

Application No.

520079

Applicant(s)

YAMAZAKI

Examiner

Group Art Unit

2815

—The MAILING DATE of this communication appears on the cover sheet beneath the correspondence address—

## Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, such period shall, by default, expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).

## Status

- ☐ Responsive to communication(s) filed on 2/29/00
- ☐ This action is FINAL.
- ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11; 453 O.G. 213.

## Disposition of Claims

- ☒ Claim(s) 73-144 is/are pending in the application.
- ☐ Of the above claim(s) is/are withdrawn from consideration.
- ☐ Claim(s) is/are allowed.
- ☒ Claim(s) 73-144 is/are rejected.
- ☐ Claim(s) is/are objected to.
- ☐ Claim(s) are subject to restriction or election requirement.

## Application Papers

- ☐ See the attached Notice of Draftsperson's Patent Drawing Review, PTO-948.
- ☐ The proposed drawing correction, filed on \_\_\_\_\_ is ☐ approved ☐ disapproved.
- ☐ The drawing(s) filed on \_\_\_\_\_ is/are objected to by the Examiner.
- ☐ The specification is objected to by the Examiner.
- ☐ The oath or declaration is objected to by the Examiner.

## Priority under 35 U.S.C. § 119 (a)-(d)

- ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d).
  - ☐ All ☐ Some\* ☐ None of the CERTIFIED copies of the priority documents have been received.
  - ☐ received in Application No. (Series Code/Serial Number) \_\_\_\_\_.
  - ☐ received in this national stage application from the International Bureau (PCT Rule 1.7.2(a)).

\*Certified copies not received: \_\_\_\_\_

## Attachment(s)

- ☒ Information Disclosure Statement(s), PTO-1449, Paper No(s) 30
- ☐ Notice of Reference(s) Cited, PTO-892
- ☐ Notice of Draftsperson's Patent Drawing Review, PTO-948
- ☐ Interview Summary, PTO-413
- ☐ Notice of Informal Patent Application, PTO-152
- ☐ Other \_\_\_\_\_

Office Action Summary

Art Unit: 2815

1. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

2. Claims 73-144 are rejected under 35 U.S.C. 103(a) as being unpatentable over Zhang '733, or '360, or '426 in view of Yamazaki '636.

The previous rejection still applies. 3.

4. Claims 123 and 129 are rejected under 35 U.S.C. 112, second paragraph, as being indefinite for failing to particularly point out and distinctly claim the subject matter which applicant regards as the invention.

The previous rejection still applies. There is no definition of "S" value in the claims.

5. Applicant's arguments filed 29 February 2000 have been fully considered but they are not persuasive. Applicant's arguments regarding Zhang '733 are unconvincing of patentability. Zhang teaches in column 4 lines 5-13 that "complete crystal can be accomplished by subsequent laser irradiation." There is no concrete evidence that Zhang '733 does not form channel regions in monodomain regions. To the contrary '733 teaches complete crystalization. Unless applicant proves by direct evidence that '733 does not have channels in monodomain regions, applicant's arguments are unconvincing and unpersuasive of patentability. Applicant's arguments regarding '426 are likewise unconvincing. Figures 1B and 1C of '426 show entire transistors 6 formed in monodomain regions 3. See column 12 lines 25-55 of '426. Applicant has also shown no concrete

Art Unit: 2815

proof that his monodomain channel regions are any different or any more monocrystal than those of the prior art applied.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Jerome Jackson whose telephone number is (703) 308-4937. The fax phone number for the organization where this application or proceeding is assigned is (703) 308-7722.

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the receptionist whose telephone number is (703) 308-0956.

Jerome Jackson, Jr.  
Primary Examiner

